

IN THE CLAIMS

What is claimed is:

1. (Currently Amended) A method facilitating transfer of information from a data capture device to a remote host device, the method comprising:

establishing a connection between a data capture device and a pipeline device;

determining, by the data capture device, whether the pipeline device is configured to transfer information from the data capture device to a remote host device that is capable of communication with said data capture device via the pipeline device;

if the pipeline device is not configured to transfer the information, automatically sending data from the data capture device to the pipeline device that configures the pipeline device to transfer the information;

automatically establishing a wireless network connection between the data capture device and the remote host device, wherein the pipeline device enables communication between the data capture device and the remote host device without user installation of dedicated software on the pipeline device or the remote host device for enabling said communication, wherein said data capture device is preconfigured to establish the wireless network connection with the remote host device via the pipeline device upon establishing the connection with the pipeline device;

upon establishing the wireless network connection, automatically verifying that the wireless network connection has been established between said data capture device and said remote host device and automatically initiating a transfer of information from said data capture device, through said pipeline device, to said remote host device;

automatically providing notification that said transfer of information from said data capture device, through said pipeline device, to said remote host device is in process; and

automatically providing notification of successful completion of said transfer of information by one of illumination or extinguishing of a light on said data capture device.

2. (Original) The method of claim 1, wherein said notification that said transfer of information is in process is provided by illumination of a light on said data capture device.

3. (Original) The method of claim 2, wherein said light is a light emitting diode (LED).

4. (Original) The method of claim 2, wherein said light blinks periodically while said transfer of information is in process.

5. Canceled.

6. (Original) The method of claim 1, wherein said notification that said transfer of information is in process is provided by a liquid crystal display (LCD).

7. (Original) The method of claim 1, wherein said notification that said transfer of information is in process is provided by audio signal.

8-9. (Cancelled)

10. (Original) The method of claim 1, further comprising:
if said transfer of information is not successfully completed, automatically providing notification of failure.

11. (Original) The method of claim 10, wherein said notification of failure is provided by illumination of a light.

12. Canceled.

13. (Original) The method of claim 11, wherein said light is a light emitting diode (LED).

14. (Original) The method of claim 10, wherein said notification of failure is provided by a liquid crystal display (LCD).

15. (Currently Amended) A method facilitating transfer of information from a first device to a second device capable of communicating with said first device, the method comprising:

establishing a connection between a first device and a pipeline device;
determining, by the first device, whether the pipeline device is configured to transfer information from the first device to a second device;

if the pipeline device is not configured to transfer the information, automatically sending data from the first device to the pipeline device that configures the pipeline device to transfer the information;

establishing a wireless network connection between the first device and the second device via the pipeline device, wherein the pipeline device enables communication between the first device and the second device without user installation of dedicated software on the pipeline device or the second device for enabling said communication, wherein said first device is preconfigured to establish the wireless network connection with the second device via the pipeline device upon establishing the connection with the pipeline device;

upon establishing the wireless network connection between the first device and the second device, automatically providing notification of the establishment of connectivity between said first device and said second device, enabling immediate automatic initiation of a transfer of information from said first device to said second device through said pipeline device;

upon initiation of a transfer of information from said first device to said second device, automatically providing feedback while said transfer of information is in process; and
automatically providing notification of completion of said transfer of information.

16. (Original) The method of claim 15, wherein notification of establishment of connectivity is provided by a light emitting diode (LED) on said first device.

17. (Canceled)

18. (Original) The method of claim 15, wherein automatically providing notification of establishment of connectivity is provided by a liquid crystal display (LCD) on said first device.

19. (Original) The method of claim 15, wherein automatically providing feedback includes illuminating a light emitting diode (LED) on said first device.

20. (Original) The method of claim 19, wherein said light emitting diode (LED) blinks on and off while said transfer of information is in process.

21. (Original) The method of claim 15, wherein automatically providing feedback includes providing feedback through a liquid crystal display (LCD) on said first device.

22. (Original) The method of claim 15, wherein automatically providing notification of completion includes providing feedback through a liquid crystal display (LCD) on said first device.

23. (Original) The method of claim 15, wherein automatically providing notification of completion includes providing notification through a light emitting diode (LED) on said first device.

24. (Original) The method of claim 23, wherein said LED is extinguished upon completion of said transfer of information.

25. (Original) The method of claim 15, wherein automatically providing notification of completion includes providing notification through a liquid crystal display (LCD) on said first device.

26. (Previously Presented) The method of claim 15, further comprising:
if said transfer of information is not successfully completed, automatically providing notification of failure of said transfer of information through at least one of a light emitting diode (LED) on said first device or a liquid crystal display (LCD) on said first device.

27-28. (Canceled)

29. (Currently Amended) A method facilitating transfer of information from a data capture device to a host device, the method comprising:

upon establishing a wireless network connection between a data capture device and a host device that is capable of communicating with said data capture device, automatically sending at least one of a driver or an application from the data capture device to the host device and installing the at least one of the driver or the application on the host device, wherein the at least one of the driver or the application [[that]] enables the host device to transfer the information;

automatically verifying that the wireless network connection has been established between said data capture device and said host device and automatically initiating an immediate transfer of information from said data capture device using at least one of said driver or said application;

automatically providing notification that said transfer of information is in process;

automatically providing notification of successful completion of said transfer of information by one of illumination or extinguishing of a light on said data capture device; and

automatically deleting said information from said data capture device upon successful completion of said transfer.

30. (Previously Presented) The method of claim 29, wherein the wireless network connection is a wireless internet connection

31. (Previously Presented) The method of claim 1, further comprising:

providing notification that the connection between the data capture device and the pipeline device has been established.

32. (Previously Presented) The method of claim 15, further comprising:

providing notification that the connection between the first device and the pipeline device has been established.

33. (New) The method of claim 1, wherein automatically sending the data from the data capture device to the pipeline device comprises:

determining, by the data capture device, at least one application or driver associated with the pipeline device, wherein the at least one application or driver is stored on the data capture device;

uploading the at least one application or driver to the pipeline device;
examining a registry of the pipeline device to determine specific actions that, when performed by the pipeline device, will cause the at least one application or driver to be installed on the pipeline device; and
instructing the pipeline device to perform the specific actions.

34. (New) The method of claim 1, further comprising:
probing for the pipeline device before establishing the connection;
discovering the pipeline device based on the probing; and
updating a registry of the data capture device with information identifying the pipeline device and properties of the pipeline device.